ABSTRACT OF THE DISCLOSURE

PERFORMANCE-ENHANCING SYSTEM AND METHOD OF ACCESSING FILE SYSTEM OBJECTS

5

A performance-enhancing system and method of accessing file system objects are provided. The system and method

10 entail determining a plurality of file system objects that are frequently being accessed. Each one of these file system objects has a pathname and an inode number. The inode number is used to locate the file system object on a storage system. The pathname of each file system object and

15 its inode number are cross-referenced and cached. Having a whole pathname of a file cross-referenced with its inode number and entered into a memory allows the inode number to be obtained with one memory access instead of the many memory accesses that are usually required.

20